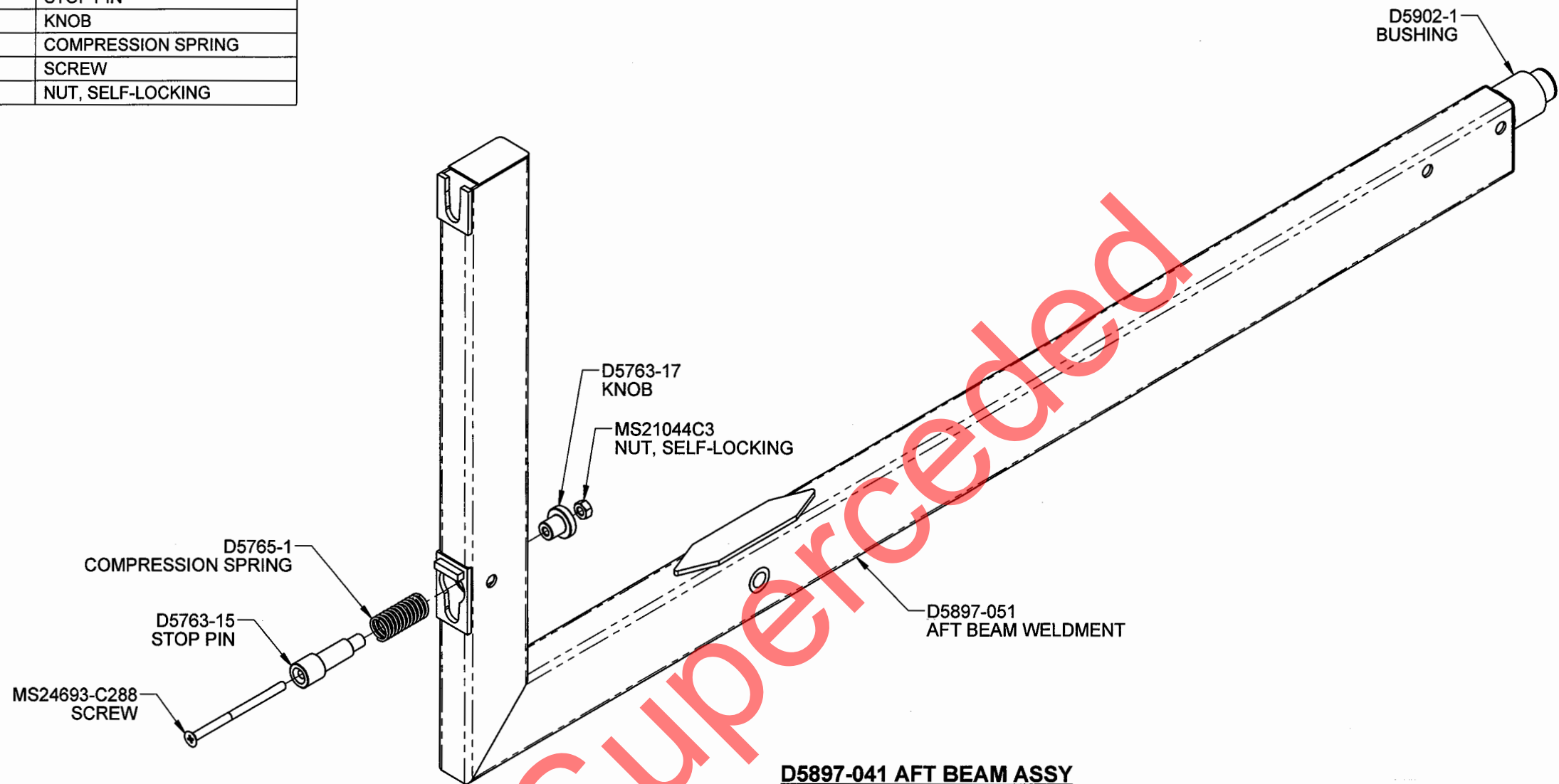


QTY -041	P/N	DESCRIPTION
X	D5897-041	AFT BEAM ASSY
1	D5897-051	AFT BEAM WELDMENT
1	D5902-1	BUSHING
1	D5763-15	STOP PIN
1	D5763-17	KNOB
1	D5765-1	COMPRESSION SPRING
1	MS24693-C288	SCREW
1	MS21044C3	NUT, SELF-LOCKING



**D5897-041 AFT BEAM ASSY**  
(DERIVED FROM AERO DESIGN P/N 90631-01-00)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI 044 6.1
- 7) WEIGHT: 5.64 lbs

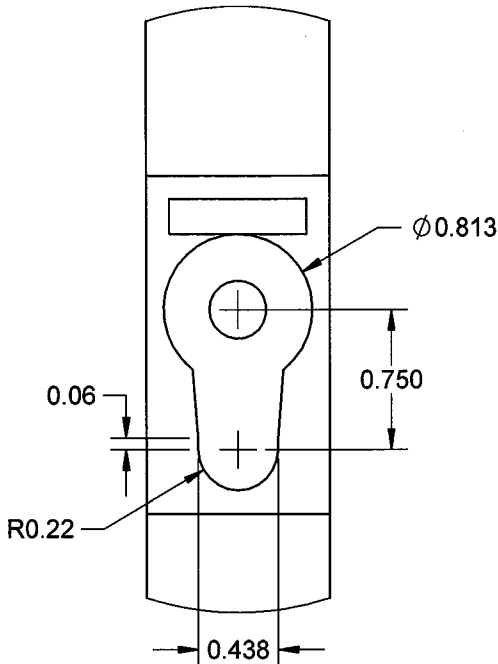
RELEASED

2020 OCT 20  
113 ECU 20-77

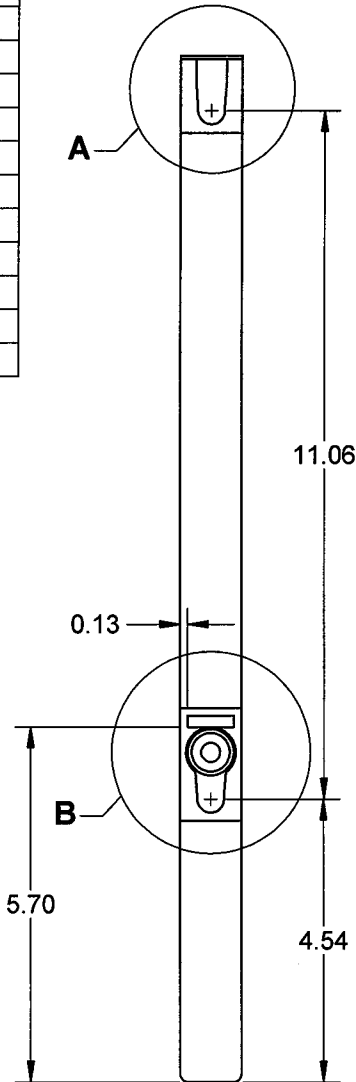
APPROVED

A	NEW ISSUE	ZF	20.04.03
REV.	DESCRIPTION	BY	DATE
DESIGN	WO	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	PM	DRAWING NO.	REV. A
MFG. APPR.	DD	D5897	SHEET 1 OF 5
APPROVED	ML	TITLE	SCALE
DE APPR.	DS	AFT BEAM	NTS
DATE	20.04.03	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

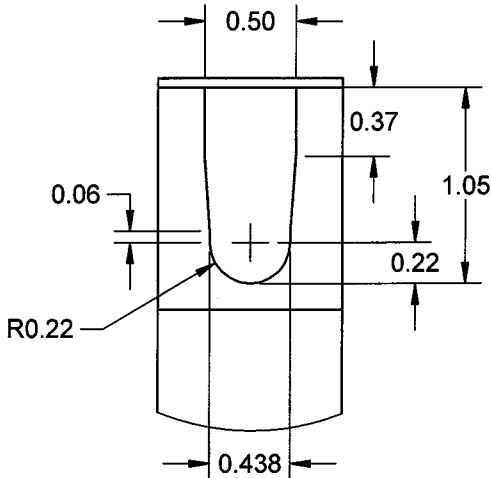
QTY -051	P/N	DESCRIPTION
X	D5897-051	AFT BEAM WELDMENT
1	D5763-7	PAD
1	D5763-11	BLOCK
1	D5763-13	GUIDE
1	D5837-7	STRAP
1	D5897-1	HORIZONTAL TUBE
1	D5897-3	VERTICAL TUBE
1	D5897-5	CAP
1	D5897-7	PAD
1	D5898-5	BUSHING
1	D5898-7	CAP
1	D5901-041	SUPPORT ASSY



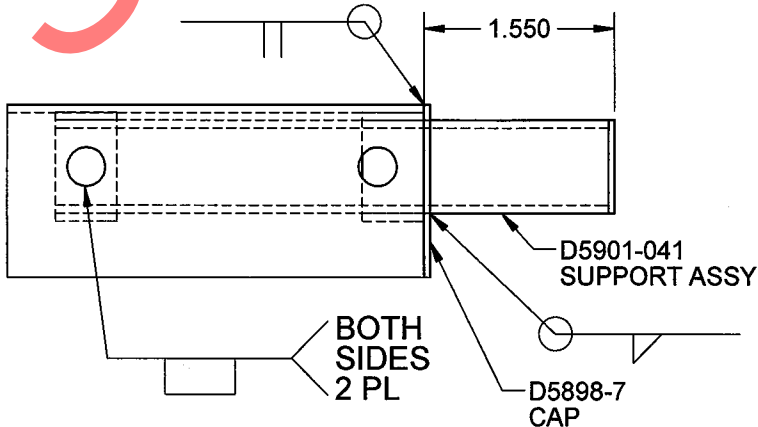
**DETAIL B**  
SCALE 3X  
(D5763-13 OMITTED  
FOR CLARITY)



**DETAIL A**  
SCALE 3X



**DETAIL C**  
SCALE 2X



**D5897-051 AFT BEAM WELDMENT**

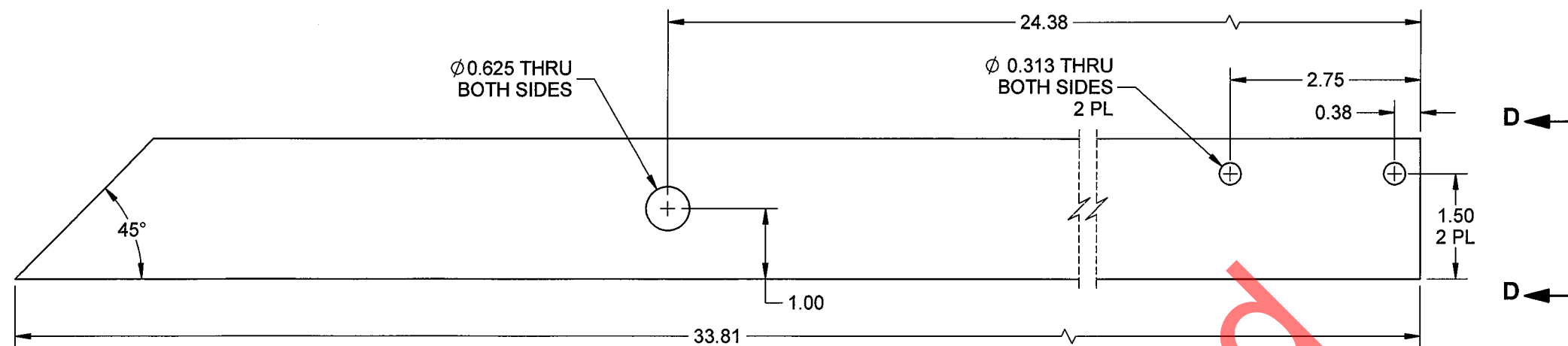
**RELEASED**

2020 OCT 2 04

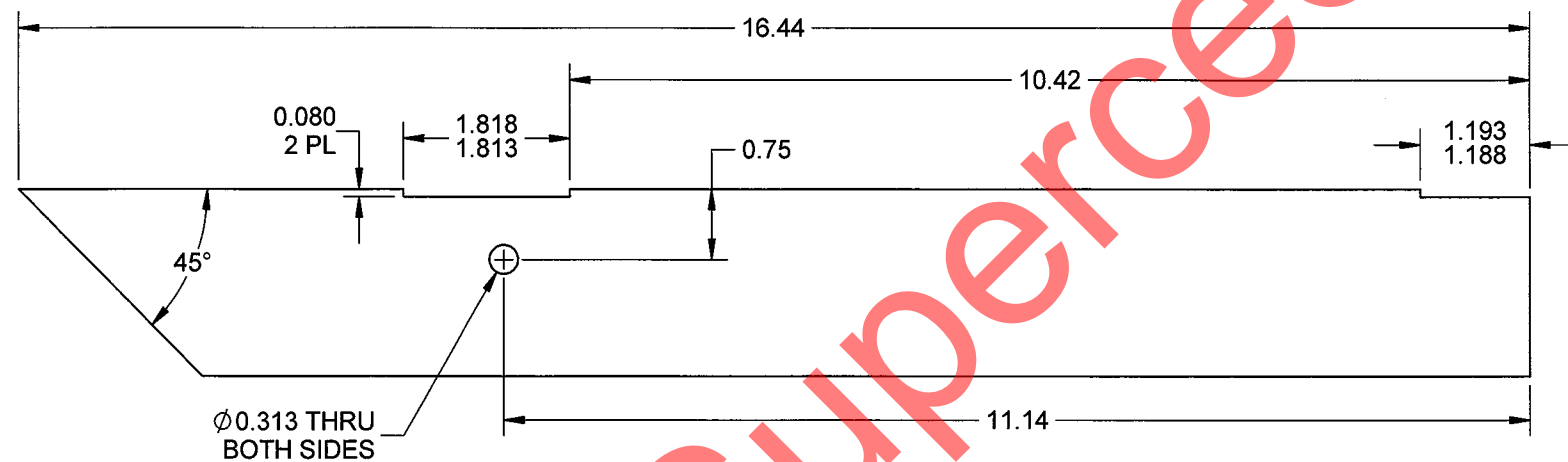
- NOTES:**  
1) MATERIAL: N/A  
2) FINISH: POWDER COAT WHITE PER DART QSI 005 4.3  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010  
6) IDENTIFICATION: PER DART QSI 044 6.1  
7) WEIGHT: 5.55 lbs

APPROVED

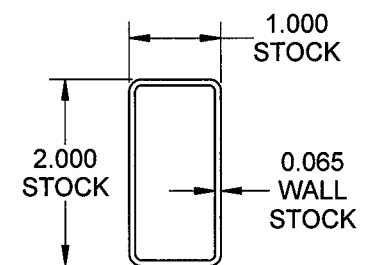
DESIGN	WO	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	PM	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5897</b>	SHEET 2 OF 5
APPROVED	ML	TITLE	SCALE
DE APPR.	DS	<b>AFT BEAM</b>	NTS
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**D5897-1 HORIZONTAL TUBE**  
(DERIVED FROM AERO DESIGN P/N 90631-02)



**D5897-3 VERTICAL TUBE**  
(DERIVED FROM AERO DESIGN P/N 90631-03)



**VIEW D-D**

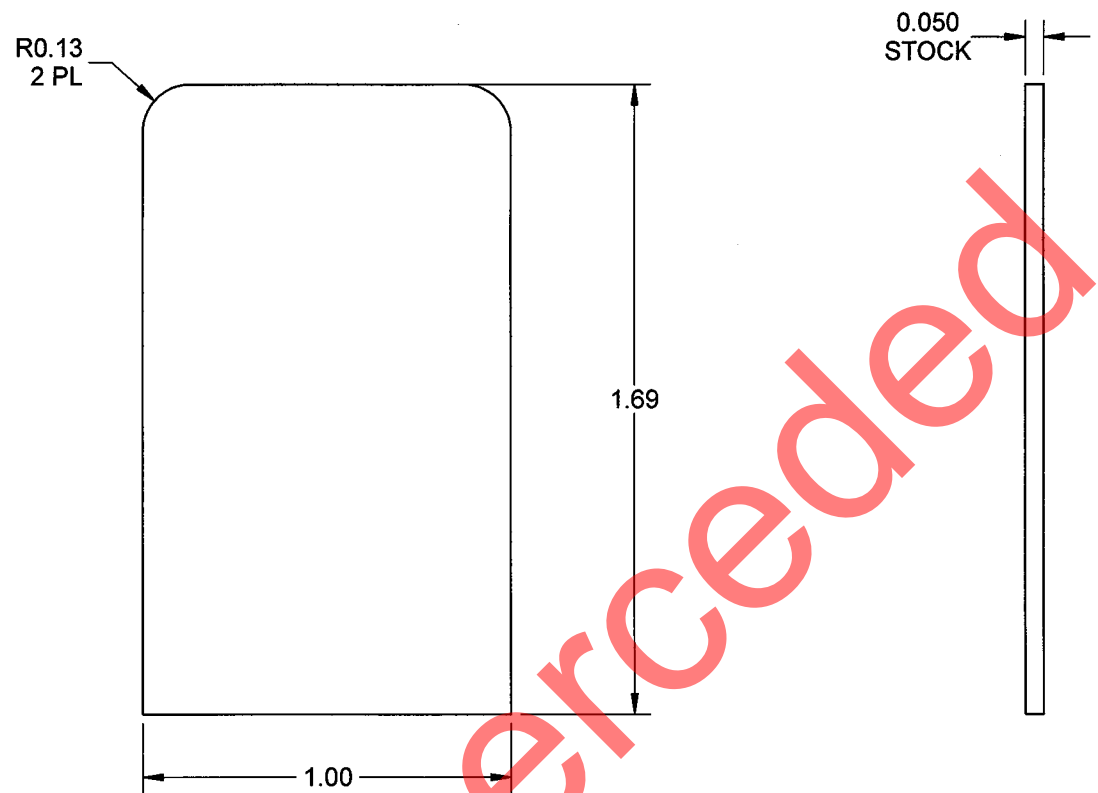
- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL RECTANGULAR TUBING, 2.000X1.000X.065  
PER ASTM A554 OR ASTM A269  
REF DART SPEC M304TS2.000X1.000W.065
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: PER DART QSI 044 6.1
  - 7) WEIGHT: 3.38 lbs

**RELEASED**

2020 OCT 20

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DESIGN	WO	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PM	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5897</b>	SHEET 3 OF 5
APPROVED	ML	TITLE	SCALE
DE APPR.	DS	<b>AFT BEAM</b>	NTS
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**D5897-5 CAP**  
(DERIVED FROM AERO DESIGN P/N 90631-09)

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED, #18 GA (0.050) THICK  
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240  
REF DART SPEC M304S
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: PER DART QSI 044 6.1
- 7) WEIGHT: 0.02 lbs

**RELEASED**

2020 OCT 20

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DESIGN	WO	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	PM	DRAWING NO. <b>D5897</b>	REV. A
MFG. APPR.	DD		SHEET 4 OF 5
APPROVED	ML	TITLE	SCALE
DE APPR.	DS	<b>AFT BEAM</b>	NTS
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